

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2005/001541

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B67D1/00 B65D81/32 B65D75/58 B65B9/04 B65B61/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B67D B65D A47J B65B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
(X)	WO 02/078499 A (EUGSTER/FRISMAG AG; FISCHER, DANIEL) 10 October 2002 (2002-10-10) <i>Germany</i> page 12, line 6 - page 19, line 11; figures	1,5-8, 10-17, 23-32
(Y)	US 4 220 259 A (LAGNEAUX, JEAN) 2 September 1980 (1980-09-02)	1,2,5, 7-20, 22-32 66-68
A	column 3, line 7 - column 4, line 43; figures	
(Y)	US 5 842 603 A (SCHROEDER ET AL) 1 December 1998 (1998-12-01)	1,2,5, 7-20, 22-32 68
A	abstract column 6, lines 12-51; figures	
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

S document member of the same patent family

Date of the actual completion of the international search

11 July 2005

Date of mailing of the international search report

15. 11. 2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 320 262 A (SANDEN CORPORATION; KIRIN BREWERY COMPANY LTD) 14 June 1989 (1989-06-14) column 3, line 27 - column 5, line 46; figures	19,20,22
P,X	EP 1 489 042 A (WHITLENGE DRINK EQUIPMENT LIMITED) 22 December 2004 (2004-12-22) column 8, lines 33-44 column 4, line 24 - column 9, line 31; figures 2a,2b,3c	1,3, 24-26, 29,31
A	WO 02/28241 A (BOYD COFFEE COMPANY) 11 April 2002 (2002-04-11) pages 4-12; figures	1,6, 23-32
A	US 4 915 261 A (STRENGER ET AL) 10 April 1990 (1990-04-10) column 4, line 1 - column 17, line 46; figures	1,3, 10-16
A	DE 199 33 118 A1 (MITSCHKE, HANS-PETER) 25 May 2000 (2000-05-25) column 2, line 54 - column 3, line 35; figure	1,18-20, 22
X	US 5 215 221 A (DIRKSING ET AL) 1 June 1993 (1993-06-01) column 1, lines 28-40	33-40, 42-56
Y	column 2, line 27 - column 3, line 45; figures	41,57, 58,60,61
X	DE 102 11 593 A1 (HUHTAMAKI RONSBERG, ZWEIGNIEDERLASSUNG DER HUHTAMAKI DEUTSCHLAND GMBH) 26 June 2003 (2003-06-26) column 3, line 7 - column 4, line 54; figures 1-3	33-37, 39-46, 48-56
Y	DE 199 62 436 A1 (ESPE DENTAL AG; 3M ESPE AG) 5 July 2001 (2001-07-05) column 5, line 44 - column 8, line 34; figures 3,4	41
Y	US 4 890 744 A (LANE, JR. ET AL) 2 January 1990 (1990-01-02) column 3, line 48 - column 9, line 32; figures	57,58
X	US 6 105 761 A (PEUKER ET AL) 22 August 2000 (2000-08-22) column 3, line 48 - column 5, line 44; figures 1,2,4,5	33-37
X		33,34,57
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/09416 A (CIBA SPECIALTY CHEMICALS HOLDING INC; TYLDESLEY, FRANK; BARNARDO, CHRI) 24 February 2000 (2000-02-24) page 5, line 34 - page 7, line 31; figures -----	57,58
X	EP 0 310 306 A (SANFORD REDMOND INC) 5 April 1989 (1989-04-05) column 3, line 52 - column 9, line 44; figures -----	59,62-65
Y		60,61
X	WO 01/07325 A (SANFORD REDMOND INC) 1 February 2001 (2001-02-01) page 2, line 11 - page 6, line 4; claim 1; figures -----	59,62
X	US 5 477 660 A (SMITH ET AL) 26 December 1995 (1995-12-26) column 3, line 23 - column 5, line 33; figures -----	59,62-65
A	US 3 874 143 A (BRABER ET AL) 1 April 1975 (1975-04-01) -----	59

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
1-68
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-32, 68

A container filled with a single portion of a substance in combination with a dispensing apparatus, the container being provided with identification means corresponding to the substance contained in the container and the dispensing apparatus comprising identification recognition means so as to allow automatic identification of the container and the substance therein.

2. claims: 33-58, 66, 67

A container having a body, an opening and a circumferential rim surrounding the opening, the opening being closed by a cover sheet, the circumferential rim having a dispensing part with a dispensing channel formed by a depression covered by the cover sheet; and method for opening such container.

3. claims: 59-65

A method for manufacturing containers by forming a plurality of containers from a flat sheet, so that each container has a filling cavity, filling the formed containers with a substance, applying a covering sheet on the containers, sealing the covering sheet on the containers and punching the formed sheet to form a circumferential rim by punching out waste material between the containers.

4. claims: 69,70

A bottle suitable for use with the dispensing apparatus and container.

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Information on patent family members

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